

Helper data

p. 1

Construct	Transfection date	Transfection efficiency, by IFA, %		Hrs p.e.	Media collected, hrs. p.e.	INFECTIVITY by IFA,		Hrs. p.i.	PLAQUE ASSAY
		anti-L	anti-V			anti-L, i.u./ml	anti-V, i.u./ml & (f.f.u./ml)		
LSN	12/26/94	90	0	20	28 & 47	<10 & <10	<10 & <10	19	Page inserted into notebook # 3656
LSN+P2-2		90-100	0		28 & 47	<10 & <10	<10 & <10		
P2-2		0	0		28 & 47	<10 & <10	<10 & <10		
LSN+P8-2		90	5-10		28 & 47	340 singles 10 ⁴ (few areas 10 cells each + singles)	60% 100%		
P8-2		0	0		28 & 47	<10 & <10	<10 & <10		
LSN+P12-1		90-100	10-25		28 & 47	10 ³ & 10 ³	100(10) & 80%		
P12-1		0	0		28 & 47	<10 & <10	<10 & <10		
LSN	12/21/94	90-100	0	16	27	<10	<10	15	
LSN+P8-1		90-100	20-30			1.7x10 ⁴ 2.5x10 ⁴	(30) 100(100)	24	
P8-1		0	0			<10 <10, many dead cells in undiluted smpl	<10 <10	15 24	
LSN+P2-1		90-100	0			<10	<10 or (10)		
P2-1		0	0			<10	<10		
LSN+P10-1		90-100	50-60			5x10 ⁷	10 ³ singles	24	
P10-1		0	0			<10	<10	24	
LSN	12/17/94	100	0	15	24	<10	<10		
LSN+P8-1		100	5-25			1.4x10 ⁴	100(70)	19	
P8-1		0	0			<10	100%		
LSN+P10-1		100	75-100			4x10 ⁶	50%	19	
P10-1		0	0			0	0		
LSN	12/14/94	100	0	21	27	<10	<10	19	
LSN+P6-2		100	100			6x10 ⁶	80-100%		0 (30ul); 10 ⁷ 5x10 ³
P6-2		0	0			<10	<10		
LSN+P5-1		100	100			8x10 ⁷	4x10 ³ (40?)		
P5-1		0	0			<10	<10		
LSN+P6-2	11/30/94	100	70-80	22	27	4.5x10 ⁶	2000ffu/ml	27	
P6-2		0	0			<10	100%(undil)		
LSN+P5-1(30,15,5ul)		100 (iso)	100 (res)			6x10 ⁷	10 ⁴ (5x10 ³ ffu)		
P5-1		0	0			<10	90%		
LSN+P6-2	CEF 11/26/94	5	0	?	?	?	80%(undil)		
P6-2		0	0	?	?	?	nt		
LSN+P5-1		40-50	1	?	?	?	ius & ius (mol?)		0
LSN+P5-1	CEF 11/17/94	few & 30-40	few & 10-20	5 & 14	6 14 22 30 38 46 54 70	vero 0.4x10 ⁴ 4x10 ⁴ 9x10 ⁴ 15x10 ⁴ 23x10 ⁴ <10 ⁵ 6x10 ⁴ 5x10 ⁴ 34x10 ⁴	nt		0(30&38hrs pe) ? <10 ⁵ ?

EXHIBIT B

Continued, p.2

Construct	Transfection date	Transfection efficiency, by IFA, %		Hrs p.e.	Media collected, hrs. p.e.	INFECTIVITY by IFA,		Hrs. p.i.	PLAQUE ASSAY
		anti-L	anti-V			anti-L, i.u./ml	anti-V, i.u./ml & (f.f.u./ml)		
LSN+3014-6ug (0.2ug)	CEF 11/17/94	few&35 (few&35)	25&100 (few&95)	5&14 (5&14)	6 14 22 30 38 46 54 70	7x10 ² 1x10 ⁴ 5x10 ⁴ 3x10 ⁴ 5x10 ⁴ nt 5x10 ⁴ nt	(2x10 ²) (1x10 ⁴) (6x10 ⁴) (7x10 ⁴) (nt) (nt) (4x10 ⁴) (nt)	nt	4x10 ⁵ 4x10 ⁶ 5x10 ⁶ 7x10 ⁶ 15x10 ⁶ 8x10 ⁶ 6x10 ⁶ 3x10 ⁶ (4x10 ⁴) (1x10 ⁶) (3x10 ⁶) (5x10 ⁶) (4x10 ⁶) (6x10 ⁶) (5x10 ⁶) (1x10 ⁶)
3014-6ug (0.2ug)		0&0 (0&0)	25 & 100 (few&95)	5&14	6 14 22 30 38 46 54 70	nt	nt		5x10 ⁵ 7x10 ⁶ 8x10 ⁶ 15x10 ⁶ 18x10 ⁶ 6x10 ⁶ 16x10 ⁶ 3x10 ⁶ (2x10 ⁴) (5x10 ⁶) (7x10 ⁶) (11x10 ⁶) (13x10 ⁶) (13x10 ⁶) (10x10 ⁶) (7x10 ⁶)
LSN+ 3014 lot of RNA	11/9/94	few 3% 5%?	20% 90 100	5 7 19	5.30 7.30 19 27 41 90	110 2x10 ⁴ 2x10 ⁶ 4x10 ⁶ 2.5x10 ⁶ 5x10 ⁵	nt		4x10 ⁵ 6x10 ⁶ 4x10 ⁸ 8x10 ⁸ 8x10 ⁸ 1x10 ⁸
3014 lot (few)		0(0) 0(0) 0(0)	50(10) 90(50) 100(100)	5 7 19	5.30 7.30 19 27 41 90	nt nt nt nt nt nt	nt		1x10 ⁶ 6x10 ⁶ 6x10 ⁸ 1x10 ⁹ 7x10 ⁸ 5x10 ⁸ (1x10 ⁵) (5x10 ⁶) (7x10 ⁸) (1x10 ⁹) (9x10 ⁸) (1x10 ⁸)
LSN+P5-1		0-1 5 90	1 5 20	5 7 19	5.30 7.30 19 27 41 90	280 2x10 ⁴ 8x10 ⁵ 1.6x10 ⁶ 2x10 ⁶ 5x10 ⁵	nt		nt 100 100 nt 100 100
LSN+P2-1	10/24/94	5 cells 10% 30% 60-70%	5 cells 5 cells 7 cells <1%	3 5 7 22	5-70	nt?	nt?		<100
272.3-7ug (1ug)		0 0 0 0(0)	few 10% 20 95(95)%	3 5 7 22	5 7 22 27 31 45 70	nt	nt		<100 0(0) 200(600) 2x10 ⁵ (1.5x10 ⁶) 6x10 ⁵ (8x10 ⁶) 2x10 ⁶ (1x10 ⁷) 2x10 ⁶ (1x10 ⁷) 4x10 ⁵ (6x10 ⁶)
LSN+272.3	10/16/94	80	70	13	12 24 36 48 60 85	<10 ⁴ <10 ⁴ 2x10 ⁴ 2.6x10 ⁵ nt nt	1x10 ² 2x10 ⁴ 4x10 ⁴ 2x10 ⁵ 2x10 ⁵ 4x10 ⁵	nt	<10 ⁵ 2x10 ⁶ 2x10 ⁶ 2x10 ⁶ 3x10 ⁶ 4x10 ⁶ 2x10 ⁶ 2x10 ⁶ (2x10 ³) (2x10 ³) (4x10 ⁴) (2x10 ⁵) (2x10 ⁵) (4x10 ⁵) (4x10 ⁵)
LSN+P1-5		80	1	12-13	12-13	<10 ⁴	nt		nt
LSN+P4-1		80	0	12-13	12-13	<10 ⁴	nt		nt

Continued, p.3

Construct	Transfection date	Transfection efficiency, by IFA, %		Hrs p.e.	Media collected, hrs. p.e.	INFECTIVITY by IFA,		Hrs. p.i.	PLAQUE ASSAY
		anti-L	anti-V			anti-L, i.u./ml	anti-V, i.u./ml & (f.f.u./ml)		
1) LSN+272.3 4+5) LSN+272.3)	10/13/94	80(80)	?(80)	14	5 14 20 26 38	nt(0) <10 ⁵ nt(0) <10 ⁵ nt(0) <10 ⁵ 2x10 ⁵ ($<10^5$) 7x10 ⁵ (2x10 ⁵)	~~<10⁵~~ (4.71) ~~<10⁵~~ (4.71) ~~<10⁵~~ (4.71) 1x10 ⁵ (nt) 1x10 ⁶ (nt) 5x10 ⁶ (nt)	<10 ⁵ <10 ⁵ 5x10 ⁴ 2x10 ⁵ 5x10 ⁴	<10 ⁵ 3x10 ⁴ 1x10 ³ <10 ⁵ 4x10 ⁴
2) LSN+P1-5		?	?		5 14 20 26 38	<10 ⁵ <10 <10 ⁵ 4x10 ³ 1x10 ⁵ 4x10 ⁴ 6x10 ⁵ 1.4x10 ⁵ 6x10 ⁵ 3x10 ⁵	nt <10 <10 ³ <10 ³ <10 ³ <10 ³	nt <100 <100 <100 <100 <100	
6) P1-5		0	0		5 26 38	<10 <10 nt	nt nt <10	nt <100 <100 nt <100	p.74
3) LSN+P2-1		?	?		5 14 20 26 38	<10 ⁵ <10 ³ <10 ⁵ <10 ⁵ <10 ⁵ <10 ⁵	nt <10 ³ <10 ³ <10 ³ <10 ³	nt <100 <100 nt <100	
1) LSN+P1-5 3) P1-5 2) LSN+RSR 4) LSN+272.3	10/2/94	80 0 80 80	20-30 0 30-40 40	18	Cuv. Egg 5 Transp of 272.3, 11" 200 us near quarant we observe of 272.3 Transpennum, a observe my current VEE antigen check it if this the same 2 other pairs		virus: helper		P. 65 DATA including
1) LSN 2) LSN+P2-1 3) P2-1 5) LSN+272.3	10/2/94	60-90 60-90 0 60-90	0 0 0 20-40	18	4-80 4-46 30 4 8 12 18 22 26 30 36 46 80	<100 <10 ⁴ <10 ³ <10 ⁴ 1x10 ³ <10 ⁴ 1x10 ³ 10 ⁴ 2x10 ³ 10 ⁶ 8x10 ³ 4x10 ⁶ 4x10 ⁴ 10 ⁷ 4x10 ⁴ 10 ⁸ 1x10 ⁵ nt 2x10 ⁵ 10 ⁷ 3x10 ⁵ nt 3x10 ⁵	<100 <10 ⁴ nt <10 ⁴ <10 ⁴ 10 ⁵ 10 ⁶ 10 ⁷ 10 ⁷ 10 ⁷ 10 ⁷ nt 10 ⁷ nt	nt nt nt <10 ⁶ <10 ⁶ <10 ⁶ <10 ⁶ nt	
6) 272.3		0	20-40		4 8 12 18 22 26 30 36 46	<10 ⁴ <10 ⁴ 10 ⁵ 10 ⁶ 10 ⁷ 10 ⁷ 10 ⁷ nt 10 ⁷	<10 ⁴ <10 ⁴ 10 ⁵ 10 ⁶ 10 ⁷ 10 ⁷ 10 ⁷ nt 10 ⁷	nt nt nt <10 ⁶ <10 ⁶ <10 ⁶ nt	p65

Continued, p.4

Construct	Transfection date	Transfection efficiency, by IFA, %		Hrs p.e.	Media collected, hrs. p.e.	INFECTIVITY by IFA,		Hrs. p.i.	PLAQUE ASSAY
		anti-L	anti-V			anti-L, i.u./ml	anti-V, i.u./ml & (f.f.u./ml)		
272.3	9/25/94	0	40-50	?	nt	nt	nt		nt
LSN+272.3		50-70	40-50						
LSN+RSR		50-70	40-50						
LSN+P1-5		50-70	40-50						
LSN+272.3	9/19/94	60-90 60-90	70 70	14 20	14 18 22 26 30 38 68	<10 ⁴ <10 ⁴ <10 ⁴ 1x10 ⁴ 3x10 ⁴ <10 ⁴ 6x10 ⁴	nt	8 & 24	nt
LSN+P1-5	9/13/94	80-90	50-60	?	14 18 22 26 30 37 44 68	8x10 ⁴ (1x10 ⁵) 1x10 ⁵ (1x10 ⁵) 1.5x10 ⁵ (1.4x10 ⁵) 3.1x10 ⁵ (3.6x10 ⁵) 2.6x10 ⁵ (3.1x10 ⁵) 1.4x10 ⁵ (2.8x10 ⁵) 4x10 ⁴ (4x10 ⁴) (5x10 ⁴)		14(20)	nt
LSN+P1-5	9/11/94	100	100	?	?	5.2x10 ⁵	0	?	nt

OK